

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-59. Canceled

60. (Previously presented) A base station comprising:

an antenna; and

a controller configured to at least one code division multiple access (CDMA) transceiver such that a CDMA connection with at least one CDMA user device is established, a CDMA control channel is established, data is received over the allocable code channels wherein the code channels are divided in time by radio frames that are further subdivided into sub-frames, code channels are allocated on a sub-frame basis to support the received data wherein the allocation of code channels includes adding and removing code channels assigned to the at least one CDMA user device, and the CDMA connection is maintained with the at least one CDMA user device when code channels are not allocated to the at least one CDMA user device.

61. (Previously presented) The base station of claim 60 wherein the sub-frame includes at least one time slot.

62. (Previously presented) The base station of claim 60 wherein the at least one CDMA transceiver is configured to operate over a plurality of allocable radio frequency channels.

63. (Previously presented) The base station of claim 60 wherein the CDMA control channel enables the code channels to be reallocated without reestablishing a code phase lock over the CDMA connection when data is not being received from the at least one CDMA user device.

64. (Previously presented) The base station of claim 60 wherein the at least one CDMA transceiver is configured to operate on a 1.25 MHz frequency channel.

65. (Previously presented) The base station of claim 60 wherein a bandwidth management function is configured for allocating the code channels on an as-needed basis, with the number of allocable code channels being variable during the duration of a communication session.

66. (Previously presented) The base station of claim 60 wherein the bandwidth management function is configured to deallocate an initially assigned code channel when there is no data is received from the at least one CDMA user device.

67. (Previously presented) The base station of claim 60 wherein the at least one CDMA transceiver is further configured to receive a message over the CDMA control channel from the at least one CDMA user device to facilitate a higher data service rate for the at least one CDMA user device.

68. (Previously presented) A method for use in a base station for

communicating data between the base station and at least one code division multiple access (CDMA) user device, the method comprising:

establishing a CDMA connection between the base station and the CDMA user device;

establishing a CDMA control channel between the base station and the CDMA user device;

receiving data from the CDMA user device over allocable code channels, wherein the code channels are divided in time by radio frames that are further divided into sub-frames;

allocating the code channels on a sub-frame basis to support the transmitted data wherein the allocation of code channels includes adding and removing code channels assigned to the CDMA user device; and

maintaining the CDMA connection with the CDMA user device when code channels are not allocated to the CDMA user device.

69. (Previously presented) The method of claim 68 wherein the sub-frame includes at least one time slot.

70. (Previously presented) The method of claim 68 wherein the base station is configured to operate over a plurality of allocable radio frequency channels.

71. (Previously presented) The method of claim 68 wherein the CDMA control channel enables the code channels to be reallocated without reestablishing a code phase lock over the CDMA connection.

72. (Previously presented) The method of claim 68 wherein the code channels are allocated on an as-needed basis, with the number of allocable code channels being variable during the duration of a communication session.

73. (Previously presented) The method of claim 72 wherein an initially assigned code channel is deallocated when data is not being received from the at least one CDMA user device.

74. (Previously presented) The method of claim 68 further comprising receiving a message over the CDMA control channel wherein the message facilitates a higher data service rate.

75. (Previously presented) The method of claim 68 wherein a communication session is established over the CDMA connection wherein data and voice signals are converted to a standard format.